

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Canceled)
2. (Currently Amended) A film bulk acoustic resonator filter ~~according to claim 1,~~ comprising a plurality of film bulk acoustic resonators each having a top electrode, a bottom electrode, and a piezoelectric layer sandwiched between the top and bottom electrodes, wherein the piezoelectric layer is a single layer and is not divided into separate layers for the respective film bulk acoustic resonators, and the top electrodes of at least two of the film bulk acoustic resonators are connected to associated circuitry,
the film bulk acoustic resonator filter further comprising a transmission line of a coplanar waveguide structure, the transmission line being disposed on the single piezoelectric layer and having two ground lines and a signal line disposed between the ground lines, wherein each of the top electrodes of the at least two of the film bulk acoustic resonators connected to the associated circuitry forms part of the transmission line of the coplanar waveguide structure.
3. (Currently Amended) A film bulk acoustic resonator filter according to claim 2, ~~claim 1,~~ wherein the at least two of the film bulk acoustic resonators with the top electrodes connected to the associated circuitry have a common bottom electrode.
4. (Canceled)
5. (Currently Amended) A ladder-type film bulk acoustic resonator filter ~~according to claim 4,~~ comprising at least two series resonators and at least two parallel resonators, each made of a film bulk acoustic resonator having a top electrode, a bottom electrode, and a piezoelectric layer sandwiched between the top and bottom electrodes, wherein the piezoelectric layer is a single layer and is not divided into separate layers for the

respective film bulk acoustic resonators, and the top electrodes of two of the series resonators are connected to associated circuitry,

the film bulk acoustic resonator filter further comprising a transmission line of a coplanar waveguide structure, the transmission line being disposed on the single piezoelectric layer and having two ground lines and a signal line disposed between the ground lines, wherein each of the top electrodes of the two of the series resonators connected to the associated circuitry forms part of the signal line of the transmission line of the coplanar waveguide structure.

6. (Currently Amended) A ladder-type film bulk acoustic resonator filter according to claim 5, ~~claim 4~~, wherein the two of the series resonators with the top electrodes connected to the associated circuitry have a common bottom electrode.